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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Stig WILLNER et al.)
SERIAL NO: 10/009,860)
FILED: October 26, 2001)
TITLE: ADJUSTABLE SPINAL BRACE)
Group Art Unit: 3743
Examiner: Nihir Patel

AMENDED CLAIMS

1. (currently amended) An adjustable spinal brace comprising an anterior abdominal pad, a posterior frame and lateral rigid iliac rolls, said iliac rolls to be positioned at the top of the pelvis bone, and the abdominal pad and the posterior frame being interconnected by a connection means, wherein the connection means comprises said iliac rolls and straps to be connected to the anterior abdominal pad, and the posterior frame has an adjustable lumbar pad provided with pressure setting means for setting the distance between the lumbar pad and the posterior frame, thereby enabling an adjustment of an applied pressure.
2. (original) A spinal brace according to claim 1, wherein the lumbar pad also is adjustable in height.
3. (original) A spinal brace according to claim 1, wherein the pressure setting means comprises a screw jack.
4. (original) A spinal brace according to claim 3, wherein the screw jack comprises a vertically placed adjusting screw.
5. (original) A spinal brace according to claim 3, wherein the position of the screw of the screw jack is adjustable in the lateral direction.
6. (original) A spinal brace according to claim 1, wherein the posterior frame comprises two vertical struts, a cranial horizontal support and a caudal horizontal support.

7. (original) A spinal brace according to claim 6, wherein the cranial horizontal support and the caudal horizontal supports are adjustable in height.
8. (original) A spinal brace according to claim 1, wherein straps are provided between the iliac rolls and the abdominal pad.
9. (original) A spinal brace according to claim 6, wherein straps are provided between the horizontal supports and the abdominal pad.
10. (original) A spinal brace according to claim 8, wherein straps are provided between the horizontal supports and the abdominal pad.
11. (original) A spinal brace according to claim 1, wherein the anterior abdominal pad is lightweight and concave and adapted to cover the abdomen substantially from the symphysis to the sternum point.
12. (original) A spinal brace according to claim 6, wherein the anterior abdominal pad is lightweight and concave and adapted to cover the abdomen substantially from the symphysis to the sternum point.
13. (original) A spinal brace according to claim 8, wherein the anterior abdominal pad is lightweight and concave and adapted to cover the abdomen substantially from the symphysis to the sternum point.
14. (previously presented) A spinal brace according to claim 11, wherein the cranial border of the anterior abdominal pad is configured to conform to the shape of the lower ribs.